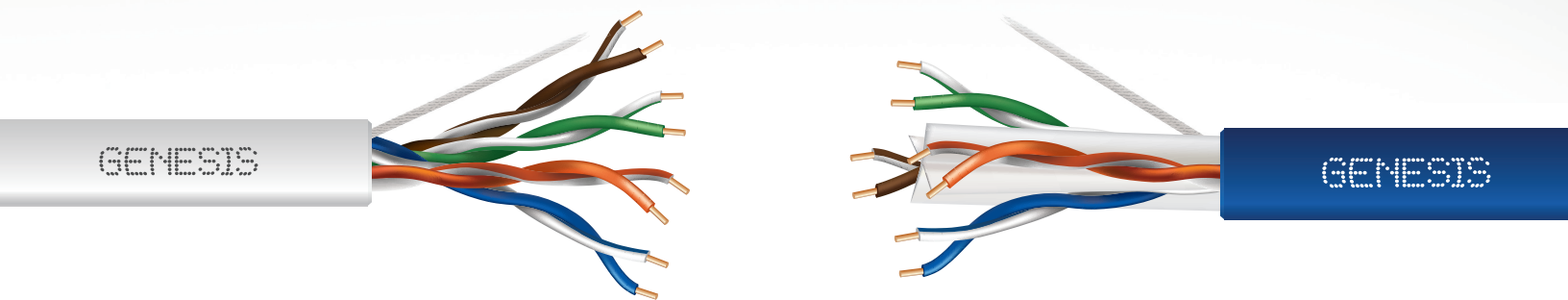# Category Cable
Comparing Cat 6 and Cat 6+

-GENESIS-

From home networks to complex systems, today's data networks rely on cable that protects signal integrity with continuous connectivity. Designed for these requirements, Genesis Cat 6 and Cat 6+ Cables are built to the Cat 6 standard but optimized for different installation environments. Explore which cable is best for your application.

Choosing Between Cat 6 and Cat 6+ Cables

Cat 6		Cat 6+
Twisted pairs reduce exterior interference and internal crosstalk between pairs to protect device performance.	**Cable Construction**	Thicker conductors transfer data signals and power more efficiently. A separator spline provides extra protection from internal crosstalk and limits performance degradation during installation.
Standard environments with lower levels of interference.	**Preferred Installation Environment**	Critical demand systems and challenging installation environments.

Performance Standard for Cat 6 and Cat 6+

Cables are verified to ANSI/TIA-568.2-D Category 6 performance.

Bandwidth @100 meters = 1 Gbps | Bandwidth @30 meters = 10 Gbps | Recommended PoE limit = 60W+